



**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
INFORMATION ITEM**

Item No. PWC 07-025

SUBMITTED TO: Chairman Siersema and Members of the Commission

SUBMITTED BY: Travis K. Hopkins, PE, Acting Director of Public Works -
Engineering

DATE: October 17, 2007

SUBJECT: Orange County Flood Control District Projects Update

Please find attached the County's "Proposed 7-Year Flood Control Projects Plan."

Huntington Beach Channel – D01 and Talbert Channel – D02:

Improvements to both of these channels are functionally complete with minor cathodic protection and spoils removal remaining.

E.G.G. – Wintersburg Channel – C05:

The City has recently reviewed and returned 65% drawings to the County for improvements to this channel. The project extends from the City Limit to Warner Avenue. The portion along the Shea project (City Limit to Graham Street) is currently excluded from the project, as those improvements are a condition of Shea's development project, which is currently under review by the Coastal Commission.

Additionally, the County recently met with City staff to review a plan to install temporary sheet piles in the channel berm along Shea's property as an interim flood protection project in anticipation of the upcoming rainy season.

Lastly, the County is finalizing an emergency flood protection plan to be implemented in the event that the berm along Shea's property is breached, prior to completion of the interim sheet pile project.

Planned Projects:

The remaining projects on the list are in design or are planned for future years.

Attachments:

"Proposed 7-Year Flood Control Projects Plan"

ATTACHMENT #1

Proposed 7-Year Flood Control Projects Plan

			COST ESTIMATE
<u>from Budgeted Projects FY 2007-2008</u>			
B01B01	Gilbert Retarding Basin	Regrading	250,000
B01B02	Crescent Retarding Basin	Regrading	250,000
D01	Huntington Beach Channel	Indianapolis - Adams (Cathodic Protection)	500,000
D01	Huntington Beach Channel	Confluence - Magnolia (C.P. Repair)	550,000
D02	Talbert Channel	Adams - Yorktown (Cathodic Protection)	500,000
D02	Talbert Channel	Brookhurst - Indianapolis (C.P. Repair)	800,000
C05	E.G.G.-Wintersburg Channel	2600' d/s of Graham → u/s Graham	8,000,000
C05	E.G.G.-Wintersburg Channel	u/s Graham → u/s Warner	15,800,000
F25	Central Irvine Channel	u/s Culver Drive - contribution per agreement	1,050,000
	Green River Golf Course	Construction	700,000
	Undesignated ROW / Change Order		500,000
Sub Total FY 2007-2008			28,900,000
<u>Planned Projects FY 2008-2009</u>			
F05	San Diego Creek Channel	Mitigation - restore flood capacity	4,000,000
L01	San Juan Creek Channel	2200' u/s Stonehill Dr → 6200' u/s Stonehill Dr (Left Side)	7,300,000
C04	Westminster Channel	Hoover → Beach	4,200,000
C05B02/C05PS1	E.G.G.-Wintersburg Channel	Haster Retarding Basin and Pump Station	18,000,000
L01	San Juan Creek Channel	7400' u/s Stonehill Dr → 9600' u/s Stonehill Dr (Right Side)	5,000,000
Sub Total FY 2008-2009			38,500,000
<u>Planned Projects FY 2009-2010</u>			
C05	E.G.G. - Wintersburg Channel	u/s Warner → d/s Goldenwest	15,000,000
C05S01	Newland Storm Channel	Bolsa → C05 Phase 1	10,000,000
C05S05	Edinger Storm Channel	Edinger → C05	8,000,000
L01	San Juan Creek Channel	6200' u/s Stonehill Dr → 8000' u/s Stonehill Dr (Left Side)	5,000,000
L02	Trabuco Creek Channel	4200' d/s Del Obispo to 300' d/s Del Obispo	4,000,000
Sub Total FY 2009-2010			42,000,000
<u>Planned Projects FY 2010-2011</u>			
C05	E.G.G.-Wintersburg Channel	Confluence w/C06 → Beach	8,000,000
C05	E.G.G.-Wintersburg Channel	Beach → Woodruff	6,000,000
C05S01	Newland Storm Channel	Bolsa → C05 Phase 2	10,000,000
L01/L02	San Juan & Trabuco Creek Channel	100' u/s Confluence → 300' u/s Confluence (L02 Right Side)	6,000,000
		8000' u/s Stonehill Dr → 9600' u/s Stonehill Dr (L01 Left Side)	
			30,000,000
<u>Planned Projects FY 2011-2012</u>			
C04	Westminster Channel	Bolsa Chica Rd → u/s Springdale/Edinger	13,000,000
C05	E.G.G.-Wintersburg Channel	300' d/s Haster → 800' u/s Lampson Ave	8,000,000
L01	San Juan Creek Channel	2200' u/s Stonehill Dr → 6200' u/s Stonehill Dr (Right Side)	9,000,000
Subtotal for FY 2011-2012			30,000,000
<u>Planned Projects FY 2012-2013</u>			
11-12 ▼ L02	Trabuco Creek Channel	300' d/s of Del Obispo to 1600' u/s Del Obispo	5,000,000
B01	Carbon Creek Channel	Western → Orange (including X-ings)	7,000,000
B01	Carbon Creek Channel	Western/Orange → u/s Beach Blvd	6,000,000
L01	San Juan Creek Channel	Stonehill Dr → 2200' u/s Stonehill Dr (Right Side)	7,000,000
L01	San Juan Creek Channel	Stonehill Dr → 2200' u/s Stonehill Dr (Left Side)	8,000,000
Subtotal for FY 2012-2013			33,000,000
<u>Planned Projects FY 2013-2014</u>			
B01	Carbon Creek Channel	u/s Beach Blvd → Dale St	6,000,000
C02	Bolsa Chica Channel	Retarding Basin	10,000,000
D03S03	Gisler Storm Channel	Fairview → 400' u/s Fairview including X-ing	5,000,000
F10	Santa Ana-Santa Fe Channel	Redhill → Confluence with F06	15,000,000
Subtotal for FY 2013-2014			36,000,000
<u>Qualified Future Projects</u>			
10-11 ▼ A02	Brea Creek Channel	Bridge at Beach Blvd	6,000,000
11-12 ▼ A03	Fullerton Creek Channel	Western Ave → Beach Blvd	7,000,000
12-13 ▼ A03	Fullerton Creek Channel	Beach Blvd (X-ing) → d/s I-5 Fwy	6,000,000
12-13 ▼ A03	Fullerton Creek Channel	d/s I-5 Fwy → d/s Dale St	6,000,000
A03S02	Houston Storm Channel	Deficient Culvert Crossings	5,000,000
B01PS1	Cypress Pump Station	Pump Station	10,000,000
C04	Westminster Channel	u/s Springdale/Edinger Ave → d/s Bolsa Ave	15,000,000
C05	E.G.G.-Wintersburg Channel	Quartz → Bushard	30,000,000
C06	Oceanview Channel	Bushard → Brookhurst	4,000,000
F02	Santa Ana Gardens Channel	Alton → Segerstrom	8,000,000
F06	Peters Canyon Channel	San Diego Crk (F05) Confluence → Barranca	7,000,000
F06	Peters Canyon Channel	Barranca → Warner - Phase 1	6,000,000
F06	Peters Canyon Channel	Barranca → Warner - Phase 2	6,000,000
I02	Laguna Canyon Channel	El Toro Rd. → GTE Facilities	27,000,000
Sub Total Qualified Future Projects			143,000,000

Projects
in HB *

NOTE:

The 7-Year Plan is for planning purposes only. The first year projects are for budgeting purposes. The subsequent years are subject to funding and prioritization.

Adopted by CEFCAC Feb. 15, 2007
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